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### Typed Drawing

<b>Word Mark</b>	LANTASTIC
<b>Goods and Services</b>	IC 009. US 026 038. G & S: LOCAL AREA NETWORKS, COMPUTER OPERATING PROGRAMS FOR USE WITH LOCAL AREA NETWORKS, AND USER MANUALS SOLD THEREWITH. FIRST USE: 19870605. FIRST USE IN COMMERCE: 19870814
<b>Mark Drawing Code</b>	(1) TYPED DRAWING
<b>Serial Number</b>	73788321
<b>Filing Date</b>	March 21, 1989
<b>Published for Opposition</b>	February 26, 1991
<b>Registration Number</b>	1644997
<b>Registration Date</b>	May 21, 1991
<b>Owner</b>	(REGISTRANT) ARTISOFT, INC. CORPORATION ARIZONA ARTISOFT PLAZA 575 EAST RIVER ROAD TUCSON ARIZONA 85704  (LAST LISTED OWNER) ARTISOFT, INC CORPORATION By merger with DELAWARE 2202 NORTH FORBES BLVD TUCSON ARIZONA 85745
<b>Assignment Recorded</b>	ASSIGNMENT RECORDED
<b>Attorney of Record</b>	JAMES L. YOUNG
<b>Type of Mark</b>	TRADEMARK
<b>Register</b>	PRINCIPAL
<b>Affidavit Text</b>	SECT 15. SECT 8 (6-YR). SECTION 8(10-YR) 20010202.
<b>Renewal</b>	1ST RENEWAL 20010202
<b>Live/Dead Indicator</b>	LIVE

?us5867153/pn

\*\* SS 1: Results 1

Search statement 2

?prt full nonstop legalall

1/1 PLUSPAT - (C) QUESTEL-ORBIT- image

PN - US5867153 A 19990202 [US5867153]

TI - (A) Method and system for automatically harmonizing access to a software application program via different access devices

PA - (A) TRANSACTION TECHNOLOGY INC (US)

IN - (A) GRANDCOLAS MICHAEL L (US); ANTHONY WENDELL W (US); LAW PATRICK (US); MOSS LESLIE (US); PETACH TERESA A (US); TOMPKINS PETER (US)

AP - US74112196 19961030 [1996US-0741121]

PR - US74112196 19961030 [1996US-0741121]

IC - (A) G06F-013/00 G06F-015/00

EC - G07F-007/00

- G07F-017/16

- H04L-029/06

ICO - T04L-029/06E

PCL - ORIGINAL (O) : 705039000; CROSS-REFERENCE (X) : 345700000 345962000  
345969000 709201000 709217000 709238000 713100000

DT - Corresponding document

CT - US4365315; US4586158; US4780821; US4855936; US5220501; US5303343;  
US5404524; US5517635

STG - (A) United States patent

AB - A method and system automatically harmonizes access to a given software application program via different access devices. Through use of the method and system, a financial institution can provide access to a given application (such as, for example, automatic bill payment services) to customers using different access devices such web browsers, screen phones and personal computers. A single application program is all that needs to be written and maintained by the financial institution. Also, the method and system enables financial institutions to "leverage" existing programs because now the institution can automatically "project" its existing stock of program services unto new access devices-devices which may not have even existed at the time the program was created. By receiving information from the user via the user's access device, including information identifying the type of device being used and the application program the user wishes to access, the present invention solves these problems. The application program is then accessed and the information to be displayed to the user is identified. This information is automatically translated into a format which is compatible with the device, including its display, and sent to the device for display. The user, in turn, inputs information in response to the displayed information and this input information is automatically translated into a format which is compatible with the application program and is sent to the application program. The response generated by the application program is automatically translated to be compatible with the device and is sent to the device.

1/1 LGST - (C) LEGSTAT

PN - US 5867153 [US5867153]

AP - US 741121/96 19961030 [1996US-0741121]

DT - US-P

ACT - 19961030 US/AE-A

APPLICATION DATA (PATENT)

{US 741121/96 19961030 [1996US-0741121]}

- 19970210 US/AS02

ASSIGNMENT OF ASSIGNOR'S INTEREST

TRANSACTION TECHNOLOGY, INC. 12731 W. JEFFERSON BOULEVARD LOS ANGELES,  
CALIFORNI \* GRANDCOLAS, MICHAEL L. : 19970204; ANTHONY, WENDELL W. :  
19970204; LAW, PATRICK : 19970204; MOSS, LESLIE : 19970206; PET :  
19970204;

- 19990202 US/A  
PATENT

UP - 2000-04

1/1 CRXX - (C) CLAIMS/RRX

PN - 5,867,153 A 19990202 [US5867153]

PA - Transaction Tech Inc

ACT - 20000802 REASSIGNED

ASSIGNMENT OF ASSIGNOR'S INTEREST

Assignor: GRANDCOLAS, MICHAEL L. DATE SIGNED: 02/04/1997

ANTHONY, WENDELL W. DATE SIGNED: 02/04/1997

LAW, PATRICK DATE SIGNED: 02/04/1997

MOSS, LESLIE DATE SIGNED: 02/06/1997

PETACH, TERESA A. DATE SIGNED: 02/04/1997

TOMPKINS, PETER DATE SIGNED: 02/04/1997

Assignee: TRANSACTION TECHNOLOGY, INC. 12731 W. JEFFERSON BOULEVARD  
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N.W. SUTIE 800 WASHINGTON, D.C. 20005

fam us5867153/pn

1 Patent Groups  
\*\* SS 1: Results 7

Search statement 2

?famstate nonstop

1/7 INPADOC - (C) INPADOC

PN - AU 16862/97 A1 19980522 [AU9716862]  
TI - METHOD AND SYSTEM FOR AUTOMATICALLY HARMONIZING ACCESS TO A SOFTWARE  
APPLICATION PROGRAM VIA DIFFERENT ACCESS DEVICES  
IN - GRANDCOLAS MICHAEL L; ANTHONY WENDELL W; LAW PATRICK; MOSS LESLIE;  
PETACH TERESA A; TOMPKINS PETER  
PA - TRANSACTION TECHNOLOGY INC  
AP - AU 16862/97-A 19961230 [1997AU-0016862]  
PR - US 741121/96-A 19961030 [1996US-0741121]  
- WO 9620289/96(US)-W 19961230 [1996WO-US20289]  
IC - G06F-157/00; G06F-013/00

2/7 INPADOC - (C) INPADOC

PN - EP 941514 A1 19990915 [EP-941514]  
TI - METHOD AND SYSTEM FOR AUTOMATICALLY HARMONIZING ACCESS TO A SOFTWARE  
APPLICATION PROGRAM VIA DIFFERENT ACCESS DEVICES  
LA - ENG  
IN - GRANDCOLAS MICHAEL L [US]; ANTHONY WENDELL W [US]; LAW PATRICK [US];  
MOSS LESLIE [US]; PETACH TERESA A [US]; TOMPKINS PETER [US]  
PA - TRANSACTION TECHNOLOGY INC [US]  
AP - EP 96945624/96-A 19961230 [1996EP-0945624]  
PR - WO 9620289/96(US)-W 19961230 [1996WO-US20289]  
- US 741121/96-A 19961030 [1996US-0741121]  
IC - G06F-017/00; G06F-013/00  
DS - AT\* BE\* CH\* DE\* DK\* ES\* FI\* FR\* GB\* GR\* IE\* IT\* LI\* LU\* MC\* NL\* PT\* SE\*

1/1 LEGALI - (C) LEGSTAT

PN - EP 941514 [EP-941514]  
AP - EP 96945624/96 19961230 [1996EP-0945624]  
DT - EP-P  
ACTE- 19961230 EP/AE-A  
EP-APPLICATION  
{EP 96945624/96 19961230 [1996EP-0945624]}  
- 19990915 EP/AK-A1 [+]  
DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT:  
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE  
- 19990915 EP/AX [+]  
EXTENSION OF THE EUROPEAN PATENT TO  
AL PAYMENT 19990520; LT PAYMENT 19990520; LV PAYMENT 19990520; RO PAYMENT  
19990520; SI PAYMENT 19990520  
- 19990915 EP/A1 [+]  
PUBLICATION OF APPLICATION WITH SEARCH REPORT  
- 19990915 EP/17P [+]  
REQUEST FOR EXAMINATION FILED  
19990520  
UP - 1999-37

3/7 INPADOC - (C) INPADOC

PN - JP 2001503173 T2 20010306 [JP2001503173]  
AP - JP 520415/98-A 19961230 [1998JP-0520415]  
PR - WO 9620289/96(US)-W 19961230 [1996WO-US20289]

- US 741121/96-A 19961030 [1996US-0741121]  
IC - G06F-019/00; G06F-013/00; G06F-015/00; G07F-007/02; G07F-019/00

4/7 INPADOC - (C) INPADOC

PN - US 6332131 BA 20011218 [US6332131]  
TI - METHOD AND SYSTEM FOR AUTOMATICALLY HARMONIZING ACCESS TO A SOFTWARE APPLICATION PROGRAM VIA DIFFERENT ACCESS DEVICES  
IN - GRANDCOLAS MICHAEL L [US]; ANTHONY WENDELL W [US]; LAW PATRICK [US]; MOSS LESLIE [US]; PETACH TERESA A [US]; TOMPKINS PETER [US]  
PA - TRANSACTION TECHNOLOGY INC [US]  
AP - US 136362/98-A 19980819 [1998US-0136362]  
PR - US 136362/98-A 19980819 [1998US-0136362]  
- US 741121/96-A1 19961030 [1996US-0741121]  
IC - G06F-017/60; H04N-007/01

1/1 LEGALI - (C) LEGSTAT

PN - US 6332131 [US6332131]  
AP - US 136362/98 19980819 [1998US-0136362]  
DT - US-P  
ACTE- 19980819 US/AE-A  
APPLICATION DATA (PATENT)  
{US 136362/98 19980819 [1998US-0136362]}  
- 20011218 US/BA  
PATENT (NO PREVIOUS PRE-GRANT PUBLICATION)  
UP - 2002-02

5/7 INPADOC - (C) INPADOC

PN - US 5867153 A 19990202 [US5867153]  
TI - METHOD AND SYSTEM FOR AUTOMATICALLY HARMONIZING ACCESS TO A SOFTWARE APPLICATION PROGRAM VIA DIFFERENT ACCESS DEVICES  
IN - GRANDCOLAS MICHAEL L [US]; ANTHONY WENDELL W [US]; LAW PATRICK [US]; MOSS LESLIE [US]; PETACH TERESA A [US]; TOMPKINS PETER [US]  
PA - TRANSACTION TECHNOLOGY INC [US]  
AP - US 741121/96-A 19961030 [1996US-0741121]  
PR - US 741121/96-A 19961030 [1996US-0741121]  
IC - G06F-015/00; G06F-013/00

1/1 LEGALI - (C) LEGSTAT

PN - US 5867153 [US5867153]  
AP - US 741121/96 19961030 [1996US-0741121]  
DT - US-P  
ACTE- 19961030 US/AE-A  
APPLICATION DATA (PATENT)  
{US 741121/96 19961030 [1996US-0741121]}  
- 19970210 US/AS02  
ASSIGNMENT OF ASSIGNOR'S INTEREST  
TRANSACTION TECHNOLOGY, INC. 12731 W. JEFFERSON BOULEVARD LOS ANGELES, CALIFORNI \* GRANDCOLAS, MICHAEL L. : 19970204; ANTHONY, WENDELL W. : 19970204; LAW, PATRICK : 19970204; MOSS, LESLIE : 19970206; PET : 19970204;  
- 19990202 US/A  
PATENT  
UP - 2000-04

6/7 INPADOC - (C) INPADOC

PN - WO 9819265 A1 19980507 [WO9819265]  
TI - METHOD AND SYSTEM FOR AUTOMATICALLY HARMONIZING ACCESS TO A SOFTWARE APPLICATION PROGRAM VIA DIFFERENT ACCESS DEVICES  
LA - ENG

IN - GRANDCOLAS MICHAEL L; ANTHONY WENDELL W; LAW PATRICK; MOSS LESLIE;  
 PETACH TERESA A; TOMPKINS PETER  
 PA - TRANSACTION TECHNOLOGY INC [US]  
 AP - WO US 9620289/96(US)-A 19961230 [1996WO-US20289]  
 PR - US 741121/96-A 19961030 [1996US-0741121]  
 IC - G06F-157/00; G06F-013/00  
 DS - AL\* AM\* AT\* AU\* AZ\* BA\* BB\* BG\* BR\* BY\* CA\* CH\* CN\* CU\* CZ\* DE\* DK\*  
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 SE\* SG\* SI\* SK\* TJ\* TM\* TR\* TT\* UA\* UG\* UZ\* VN\* AM\* AZ\* BY\* KG\* KZ\*  
 MD\* RU\* TJ\* TM\* KE LS MW SD SZ UG AT BE CH DE DK ES FI FR GB GR IE IT  
 LU MC NL PT SE BF BJ CF CG CI

1/2 LEGALI - (C) LEGSTAT

PN - JP 520415/98  
 AP - JP 520415/98 0 [1998JP-0520415]  
 DT - JP-A  
 ACTE- 19990430 JP/REFW-P  
 CORRESPONDS TO PCT APPLICATION  
 <WO 9819265> WO9819265  
 UP - 2002-26

2/2 LEGALI - (C) LEGSTAT

PN - WO 9819265 [WO9819265]  
 AP - WO 9620289/96(US) 19961230 [1996WO-US20289]  
 DT - WO-P  
 ACTE- 19961230 WO/AE-A  
 APPLICATION DATA  
 {WO 9620289/96(US) 19961230 [1996WO-US20289]]  
 - 19980507 WO/AK-A1 [+]  
 DESIGNATED STATES CITED IN A PUBLISHED APPLICATION WITH SEARCH REPORT  
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 IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ  
 PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN AM AZ BY KG KZ MD  
 RU TJ TM  
 - 19980507 WO/AL-A1 [+]  
 DESIGNATED COUNTRIES FOR REGIONAL PATENTS CITED IN A PUBLISHED  
 APPLICATION WITH SEARCH REPORT  
 KE LS MW SD SZ UG AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
 BF BJ CF CG CI  
 - 19980507 WO/A1 [+]  
 PUBLICATION OF THE INTERNATIONAL APPLICATION WITH THE INTERNATIONAL  
 SEARCH REPORT  
 - 19980618 WO/DFPE  
 REQUEST FOR PRELIMINARY EXAMINATION FILED PRIOR TO EXPIRATION OF 19TH  
 MONTH FROM PRIORITY DATE  
 - 19980909 WO/121  
 EP: THE EPO HAS BEEN INFORMED BY WIPO THAT EP WAS DESIGNATED IN THIS  
 APPLICATION  
 - 19990430 WO/ENP-A  
 ENTRY INTO THE NATIONAL PHASE IN:  
 <JP 98520415>  
 - 19990902 WO/REG; DE/8642 [-]  
 DE: IMPACT ABOLISHED FOR DE  
 <DE>  
 - 20000430 WO/NENP  
 NON-ENTRY INTO THE NATIONAL PHASE IN:  
 CA  
 <CA>  
 UP - 2002-26

7/7 INPADOC - (C) INPADOC

PN - ZA 9610697 A 19980619 [ZA9610697]  
TI - METHOD AND SYSTEM FOR AUTOMATICALLY HARMONIZING ACCESS TO A SOFTWARE  
APPLICATION PROGRAM VIA DIFFERENT ACCESS DEVICES.  
IN - GRANDCOLAS MICHAEL L; ANTHONY WENDELL W; LAW PATRICK; MOSS LESLIE;  
PETACH TERESA A; TOMPKINS PETER  
PA - TRANSACTION TECHNOLOGY INC  
AP - ZA 10697/96-A 19961219 [1996ZA-0010697]  
PR - US 741121/96-A 19961030 [1996US-0741121]  
IC - G06F-000/00